Title (en)

GLARE-FREE, MICROSTRUCTURED, AND SPECIALLY COATED FILM

Title (de)

BLENDFREIE, MIKROSTRUKTURIERTE UND SPEZIELL BESCHICHTETE FOLIE

Title (fr)

FEUILLE ANTIREFLET MICRO-STRUCTURÉE ET À REVÊTEMENT SPÉCIAL

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Abstract (en)

[origin: WO2014198739A1] The present invention relates to a plastic film, comprising a glare-free surface and a coating on said surface. The coating can be obtained by coating with a coating agent comprising: at least one thermoplastic polymer at a content of at least 30 wt% of the solid fraction of coating agent; at least one UV-curable reactive diluent at a content of at least 30 wt% of the solid fraction of the coating agent; at least one photoinitiator at a content of ≥ 0.1 to ≤ 10 parts by weight of the solid fraction of the coating agent; and at least one organic solvent. The coating has a layer thickness in the range of ≥ 2 µm and ≤ 20 µm. The solid content of the coating agent is in the range of ≥ 0 to ≤ 40 wt%, measured with respect to the total weight of the coating agent. Thus, a glare-free film is provided which has excellent solvent resistance and good scratch resistance or pencil hardness.

IPC 8 full level

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